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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 9 — McKEE PRINT. — September, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of September, 1955, averaged 39,200 barrels daily, a decrease of 2,836 barrels from the average August production of 42,036.

The nine refineries in the State processed 55,123 barrels of crude oil daily for the month of September, a decrease of 13,327 barrels daily from the 68,450 barrels processed daily during the month of August.

During September, 41 wells were completed, 10 oil, 7 gas wells and 24 dry holes.

During September, the Commission issued 31 permits to drill new wells, a decrease of 20 from the 51 permits issued during August.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF SEPTEMBER, 1955

	Barrels
IN STORAGE SEPTEMBER 1st:	
By Producers	263,307
By Transporters	268,640
By Refiners	461,441
TOTAL STORAGE	993,388
Produced in Montana During Month	1,176,000
Imported During Month	949,211
TOTALS	3,118,599
DISPOSITION:	
Refined in Montana	1,653,711
Exported	204,377
Used for Fuel or Lost	16,984
TOTALS	1,875,072
IN STORAGE SEPTEMBER 30th:	
By Producers	270,646
By Transporters	345,636
By Refiners	627,245
TOTAL STORAGE	1,243,527

NATURAL GAS WITHDRAWALS IN MONTANA

Month of September, 1955

Field	M Cu. Ft.
Bears Den	4,117
Bowdoin	179,454
Bowes	40,183
Box Elder	15,639
Cedar Creek	221,344
Cut Bank (Includes Reagan)	685,413
Devon	23,165
Dry Creek	118,548
East Poplar	1,461
Elk Basin	37,670
Golden Dome	26,859
Hardin	4,780
Keith Block	29,816
Kevin-Sunburst	57,325
Utopia	26,279
Whitlash Area	77,671
Miscellaneous	18,152
TOTAL	1,567,876

Total withdrawals for September, 1954 were 1,526,252 M Cu. Ft.

PRODUCERS REPORT
MONTH OF SEPTEMBER, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	629	4,479	.....	3,613	.....	1,495
2	Bannatyne	2	226	125	.....	.....	.....	351
14	Big Wall	27	5,237	25,378	.....	25,376	.....	5,239
3	Border	7	.....	552	.....	552	.....	.....
10	Bowes	74	4,053	35,405	35,713	.....	.....	3,745
3	Brady-Midway	3	148	199	.....	108	.....	239
1	Bredette	1	1,618	3,751	.....	4,412	7	950
2	Brorson (Sidney Area)	3	2,854	5,265	5,518	.....	141	2,460
1	Cabin Creek	17	4,782	32,572	33,303	.....	313	3,738
29	Cat Creek	86	4,481	14,018	13,492	.....	.....	5,007
1	Clark's Fork	1	387	745	.....	124	.....	1,008
1	Cupton	1	.....	4,856	.....	4,347	.....	509
333	Cut Bank	1,099	113,755	223,844	227,280	.....	205	110,114
3	Deer Creek	5	1,877	15,858	16,311	.....	.....	1,424
....	Devil's Basin	....	757	.....	.....	.....	.....	757
6	Dry Creek	7	1,304	17,200	17,549	.....	.....	955
20	Elk Basin	58	7,292	130,076	128,865	.....	.....	8,503
3	Fertile Prairie	4	1,570	2,851	.....	3,553	.....	868
2	Frannie	2	506	1,127	1,118	.....	.....	515
1	Gage	1	495	210	.....	398	.....	307
1	Gas City	1	1,186	4,427	4,668	.....	.....	945
5	Glendive	12	3,236	51,339	51,253	.....	.....	3,322
1	Golden Dome	1	578	194	.....	568	.....	204
1	Hardin Area	3	1,450	3,030	.....	3,068	13	1,399
1	Ivanhoe Dome	2	991	2,344	.....	2,674	.....	661
218	Kevin-Sunburst	1,488	16,398	93,395	94,019	.....	3	15,771
1	Lake Basin	1	1,900	120	.....	1,900	.....	120
1	Little Beaver	4	2,441	6,306	.....	4,612	.....	4,135
2	East Little Beaver	2	3,078	1,878	.....	2,801	.....	2,155
3	Melstone	5	1,202	5,718	.....	5,471	.....	1,449
3	Mosser	5	.....	925	.....	925	.....	.....
1	Pennel	1	1,220	3,968	.....	3,275	.....	1,913
2	Pine Unit Area	31	9,158	76,898	55,929	.....	2,625	27,502
75	Pondera	310	7,058	52,691	52,281	.....	.....	7,468
54	Poplar Area	57	24,099	167,823	125,453	43,746	247	22,476
4	Northwest Poplar	5	1,647	2,724	.....	2,967	.....	1,404
2	Ragged Point	3	1,010	1,494	.....	723	.....	1,781
1	Rattlesnake Butte	1	208	70	.....	.....	.....	278
2	Reagan	40	3,162	19,994	20,574	.....	.....	2,582
5	Richey	8	3,721	12,675	.....	12,707	.....	3,689
5	Soap Creek	11	1,912	10,324	.....	9,511	.....	2,725
1	Southwest Richey	3	1,917	8,570	.....	9,248	.....	1,239
18	Sumatra	55	15,599	114,142	.....	118,891	.....	10,850
4	Sweetgrass Hills	4	829	743	.....	804	12	756
9	Whitlash	23	4,926	10,471	9,837	.....	.....	5,560
1	Wibaux Area	1	424	46	.....	183	179	108
1	Wolf Springs	1	1,081	4,174	.....	4,106	.....	1,149
1	Woodrow	1	121	404	.....	.....	.....	525
1	Yellowstone	1	784	602	.....	1,090	.....	296
860		3,482	263,307	1,176,000	893,163	271,753	3,754	270,646

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
Second Quarter, 1955	3,957,911	43,493	3,943,402	43,334
July, 1955	1,275,764	41,154	1,237,495	39,919
August, 1955	1,303,102	42,036	1,330,019	42,904
September, 1955	1,176,000	39,200	1,164,916	38,830

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
June 30, 1955	260,808	338,382	489,011	1,088,201
July 31, 1955	293,584	323,725	525,964	1,143,273
August 31, 1955	263,307	268,640	461,441	993,388
September 30, 1955	270,646	345,636	627,245	1,243,527

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF SEPTEMBER, 1955

	Storage First of Month	OIL RECEIVED BY Pipeline	Truck	Connecting Carrier	Loss or Gain	OIL SHIPPED TO Montana	Other States	Connecting Carriers	Storage End of Month
ASH CREEK—Trucks			3,613				3,613		
BIG WALL—Trucks	1,069		25,376			11,851	12,570		2,024
BORDER—Trucks			552			552			
BOWES									
Northern Pump Company	876	7,857			(80)		8,000		813
The Texas Company	65	27,856				23,094	3,601		1,226
	941	35,713			(80)	23,094	11,601		2,039
BRADY-MIDWAY—Trucks			108			108			
BREDETTE—Trucks			4,412				4,412		
BRORSON—Sun Oil Company		5,518					5,518		
CABIN CREEK, GAS CITY and PINE									
Butte Pipe Line Company		60,682		25,660	609				85,733
Shell Pipe Line Company	25,837	33,218			177	18,934	14,284	25,660	
	25,837	93,900		25,660	786	18,934	14,284	25,660	85,733
CAT CREEK									
Continental Oil Company	3,940	9,184				4,325			8,799
Wm. Hanlon		4,308				4,308			
	3,940	13,492				8,633			8,799
CLARK'S FORK—Trucks			124				124		
CUPTON—Trucks			4,347				4,347		
CUT BANK									
Darling Gathering System, Inc.	4,367	28,166				26,661			5,872
Phillips Petroleum Company	8,542	53,138		5,805	497	9,588		29,860	27,540
The Texas Pipe Line Company	72,939	46,192		51,857	191	84,009		11,764	75,024
Toronto Pipe Line Company	34,589	62,383						70,425	26,547
Union Oil Company	43,047	37,488		54,387	1,215	80,706			53,001
	163,484	227,367		112,049	1,903	200,964		112,049	187,984
DRY CREEK—Ohio Oil Company	11,494	17,549			77	20,765			8,201
ELK BASIN—Ohio Oil Company		128,865				92,043	36,822		
FERTILE PRAIRIE—Trucks			3,553				3,553		
FRANNIE—Ohio Oil Company		1,118					1,118		
GAGE—Trucks			398			398			
GLENDIVE AREA									
The Texas Pipe Line Company	4,521	67,566			225	62,879	1,183		7,800
GOLDEN DOME—Trucks			568				568		
HARDIN AREA—Trucks			3,068				3,068		
IVANHOE DOME—Trucks			2,674			2,674			
KEVIN-SUNBURST									
Big West Oil Company	1,936	42,769				42,563			2,142
Homestake Oil & Gas Company	510	4,141				3,408			1,243
The Texas Pipe Line Company	9,020	45,259		1,633	172	46,759			8,981
Anna Aronow	97	1,637						1,633	101
	11,563	93,806		1,633	172	92,730		1,633	12,467
LAKE BASIN—Trucks			1,900			1,900			
LITTLE BEAVER									
Shell Oil Company			4,612			2,628	1,984		
EAST LITTLE BEAVER									
Shell Oil Company			2,801			1,597	1,204		
MELSTONE—Trucks	1,381		5,471			5,315			1,537
MOSSER—Trucks			925			925			
PENNEL—Trucks			3,275			1,866	1,409		
PONDERA									
Phillips Petroleum Company	33,814	52,282			(745)	79,828			7,013
POPLAR									
East Poplar Gathering System	7,505	125,453			4,098	68,997	40,592		19,271
Trucks			43,746				43,746		
	7,505	125,453	43,746		4,098	68,997	84,338		19,271
NORTHWEST POPLAR—Trucks			2,967				2,967		
RAGGED POINT—Trucks	1,085		723			723			1,085
REAGAN—Union Oil Company		20,574				20,574			
RICHEY—Shell Oil Company			12,707		52	12,655			
SOUTHWEST RICHEY									
Shell Oil Company			9,248		38	9,210			
SOAP CREEK—Trucks			9,511				9,511		
SWEETGRASS HILLS									
Homestake Oil & Gas Company	1,404	1,511		8,243		10,174			984
Western Natural Gas Company	602	8,327			(13)			8,243	699
Trucks			804		36	718			
	2,006	9,838	804	8,243	73	10,892		8,243	1,683
SUMATRA—Trucks			118,891		477	118,414			
WIBAUX—Trucks			183				183		
WOLF SPRINGS—Trucks			4,106		63	4,043			
YELLOWSTONE—Trucks			1,090			1,090			
TOTALS	268,640	893,041	271,753	147,585	7,139	876,282	204,377	147,585	345,636

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF SEPTEMBER, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Pet Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall		12,025								12,025
Border								306		306
Bowes				21,177						21,177
Brady-Midway							108			108
Cabin Creek			4,968							4,968
Cat Creek			4,122			4,433				8,555
Cut Bank	22,539						9,569	109,650	76,984	218,742
Dry Creek					20,997					20,997
Elk Basin		63,836	28,207							92,043
Gage					398					398
Gas City			1,404							1,404
Glendive Area			13,823		44,415					58,238
Ivanhoe Dome					2,669					2,669
Kevin-Sunburst	44,244							65,486		109,730
Lake Basin					1,900					1,900
Little Beaver			2,628							2,628
East Little Beaver			1,597							1,597
Melstone					5,315					5,315
Mosser					925					925
Pennell			1,866							1,866
Pine Unit			12,562							12,562
Pondera							79,507			79,507
Ragged Point		723								723
Reagan									20,574	20,574
Richey			12,655							12,655
Southwest Richey			9,210							9,210
Sumatra		75,750	1,919		40,624					118,293
Sweetgrass Hills	718							10,061		10,779
Yellowstone					1,090					1,090
Wolf Springs		4,043								4,043
Total Montana Oil	67,501	156,377	94,961	21,177	118,333	4,433	89,184	185,503	97,558	835,027
South Dakota Oil Imported			753							753
Wyoming Oil Imported		455,459	3,878		358,594					817,931
Total Montana, South Dakota and Wyoming Oil	67,501	611 836	99,592	21,177	476,927	4,433	89,184	185,503	97,558	1,653,711

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year 1954	24,752	25	29,768	54,545
September, 1954	30,555	96	33,582	64,233
September, 1955	27,834	25	27,264	55,123

PERCENTAGE OF CRUDE REFINED

Montana	So. Dakota	Wyoming
45.37%	.06%	54.57%
47.57%	.15%	52.28%
50.49%	.05%	49.46%